

Name: _____

Grade: _____

Score: _____

Worksheet #3

PROFIT AND LOSS

Learning goal: Students will be able to define, identify, and differentiate profit and loss, also to find Profit % or Loss % using real-world examples.

Instructions: Calculate the Profit Percentage.

WORD PROBLEM	GIVEN	CALCULATE & ANSWER
A shopkeeper bought a pair of shoes for ₹2,500 and sold them for ₹3,000.		
A fruit seller bought apples at ₹50 per kg and sold them at ₹70 per kg.		
A trader bought a laptop for ₹25,000 and sold it for ₹28,000.		
A vendor bought a bicycle for ₹3,000 and sold it for ₹3,600.		
A retailer bought a watch for ₹1,200 and sold it for ₹1,500.		
A shopkeeper bought a bag for ₹800 and sold it for ₹1,000.		
A trader bought a book for ₹150 and sold it for ₹180.		
A vendor bought a chair for ₹1,000 and sold it for ₹1,300.		
A shopkeeper bought a toy for ₹500 and sold it for ₹600.		
A trader bought a camera for ₹5,000 and sold it for ₹6,000.		

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Worksheet #3(Answer)

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Instructions: Calculate the Profit Percentage.

WORD PROBLEM	GIVEN	CALCULATE & ANSWER
A shopkeeper bought a pair of shoes for ₹2,500 and sold them for ₹3,000.	CP = ₹2,500, SP = ₹3,000	Profit = ₹3,000 - ₹2,500 = ₹500; $= \frac{500}{2500} \times 100 = 20\%$
A fruit seller bought apples at ₹50 per kg and sold them at ₹70 per kg.	CP = ₹50/kg, SP = ₹70/kg	Profit = ₹70 - ₹50 = ₹20; $= \frac{20}{50} \times 100 = 40\%$
A trader bought a laptop for ₹25,000 and sold it for ₹28,000.	CP = ₹25,000, SP = ₹28,000	Profit = ₹28,000 - ₹25,000 = ₹3,000 $= \frac{3000}{25000} \times 100 = 12\%$
A vendor bought a bicycle for ₹3,000 and sold it for ₹3,600.	CP = ₹3,000, SP = ₹3,600	Profit = ₹3,600 - ₹3,000 = ₹600 $= \frac{600}{3000} \times 100 = 20\%$
A retailer bought a watch for ₹1,200 and sold it for ₹1,500.	CP = ₹1,200, SP = ₹1,500	Profit = ₹1,500 - ₹1,200 = ₹300 $= \frac{300}{1200} \times 100 = 25\%$
A shopkeeper bought a bag for ₹800 and sold it for ₹1,000.	CP = ₹800, SP = ₹1,000	Profit = ₹1,000 - ₹800 = ₹200 $= \frac{200}{800} \times 100 = 25\%$
A trader bought a book for ₹150 and sold it for ₹180.	CP = ₹150, SP = ₹180	Profit = ₹180 - ₹150 = ₹30; $= \frac{30}{150} \times 100 = 20\%$
A vendor bought a chair for ₹1,000 and sold it for ₹1,300.	CP = ₹1,000, SP = ₹1,300	Profit = ₹1,300 - ₹1,000 = ₹300 $= \frac{300}{1000} \times 100 = 30\%$
A shopkeeper bought a toy for ₹500 and sold it for ₹600.	CP = ₹500, SP = ₹600	Profit = ₹600 - ₹500 = ₹100 $= \frac{100}{500} \times 100 = 20\%$
A trader bought a camera for ₹5,000 and sold it for ₹6,000.	CP = ₹5,000, SP = ₹6,000	Profit = ₹6,000 - ₹5,000 = ₹1,000 $= \frac{1000}{5000} \times 100 = 20\%$